

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Listing of the claims:

Please AMEND claims in accordance with the following:

1. **(Currently Amended)** A non-birefringent optical resin material containing a transparent polymer resin caked after flowing and a great number of inorganic fine particles dispersed-if in said polymer resin;

wherein said inorganic fine particles have an orientation-birefringence by which that of the polymer resin is reinforced if major axis directions of the inorganic fine particles are parallel with an orientation direction of bonding chains of said polymer resin and is cancelled if major axis directions of the inorganic fine particles are perpendicular to the orientation direction of bonding chains of said polymer resin, and

said bonding chains of said polymer resin orientated to an orientation direction corresponding to an external force acted in said flowing, and said-a great number of inorganic fine particles are orientated approximately perpendicular to said orientation direction of said bonding chains, thereby giving a non-birefringence to said optical resin material.

2. **(Currently Amended)** A non-birefringent optical resin material in accordance with claim 1, wherein said flowing is caused when a material containing said resin material is in a molten state and said great number of inorganic fine particles is injected into a flowing space having a relatively large cross section through an opening having a relatively small cross section.

3. **(Currently Amended)** A method of producing a non-birefringent optical resin material containing a transparent polymer resin caked after flowing and a great number of inorganic fine particles dispersed-if in said polymer resin, wherein said inorganic fine particles have an orientation-birefringence by which that of the polymer resin is reinforced if major axis directions of the inorganic fine particles are parallel with an orientation direction of bonding

chains of said polymer resin and is cancelled if major axis directions of the inorganic fine particles are perpendicular to the orientation direction of bonding chains of said polymer resin, comprising the steps of;

causing a great number of inorganic fine particles to coexist with and dispersed in a transparent polymer resin in a flowing state, thereby-orientating orienting said bonding chains of said polymer resin to a direction in correspondence to that of said flowing and-orientating orienting said great number of inorganic fine particles to be approximately perpendicular to a direction of said flowing; and,

fixing a relation between orientation of bonding-chain chains of said polymer resin and that of said inorganic fine particles through a caking process.

4. (Currently Amended)

A method of production producing a non-birefringent optical resin material in accordance with claim 3, wherein said flowing state is caused in a flowing space when a material containing said resin material is in a molten state and said great number of inorganic fine particles is injected into said flowing space having a relatively large cross section through an opening having a relatively small cross section.